

Claims

[c1] What is claimed is:

1. A method for arranging conducting lines of a flexible cable in an optical disk drive, the flexible cable used between a first circuit board and a second circuit board, the method comprising:

connecting a signal of the first circuit board to a first node;

providing a plurality of control chips and selecting a pin from each control chip;

connecting a second node of the second circuit board to the selected pins of the control chips; and

connecting the first node to the second node through a conducting line of a flexible cable.

[c2] 2. The method of claim 1 wherein the optical disk drive is a slim-type optical disk drive.

[c3] 3. The method of claim 1 wherein the signal is connected to a switch circuit, the signal is at a first level when the switch circuit is on, and the signal is at a second level when the switch circuit is off.

[c4] 4. A method for arranging conducting lines of a flexible

cable in an optical disk drive, the flexible cable used between a first circuit board and a second circuit board, the method comprising:

connecting a signal of the first circuit board to a first node;

connecting the first node to a second node of the second circuit board through a conducting line of a flexible cable;

providing a plurality of control chips and selecting a pin from each control chip;

disposing at least one NOT gate on the second circuit board, the input of the NOT gate being connected to the second node; and

connecting the selected pins of the control chips to the second node or to the output of the NOT gate.

[c5] 5. The method of claim 4 wherein the optical disk drive is a slim-type optical disk drive.

[c6] 6. The method of claim 4 wherein the signal is connected to a switch circuit, the signal is at a first level when the switch circuit is on, and the signal is at a second level when the switch circuit is off.